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OM protein - protein search, using sw model

Run on: July 10, 2002, 08:24:38 ; Search time 105.49 Seconds  
(without alignments)  
53.386 Million cell updates/sec

Title: US-09-508-054-19  
Perfect score: 87  
Sequence: 1 YLRIVQCRSVESGCGF 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 150 summaries

Database : Pending\_Patents\_AA\_Main.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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3	83	95.4	25	18	US-09-448-843A-30
4	83	95.4	26	19	US-09-508-054-34
5	83	95.4	26	19	US-09-508-054-35
6	83	95.4	26	19	US-09-508-054-37
7	83	95.4	39	26	US-09-187-385-557
8	80	92.0	19	19	Sequence 19, Appl
9	80	92.0	19	19	Sequence 7, Appl
10	80	92.0	19	19	Sequence 30, Appl
11	80	92.0	19	19	Sequence 34, Appl
12	80	92.0	19	19	Sequence 35, Appl
13	80	92.0	19	19	Sequence 37, Appl
14	80	92.0	19	19	Sequence 557, App

83	95.4	65	1	PCT-US01-00663-31419	Sequence 31419, A
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83	95.4	65	26	US-09-236-359-21623	Sequence 21623, A
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83	95.4	100	26	US-60-194-243-2820	Sequence 2820, Ap
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83	95.4	191	22	US-09-824-200-12	Sequence 12, Appl
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83	95.4	198	1	PCT-US95-01130-5	Sequence 5, Appl
83	95.4	198	11	US-08-710-324-5	Sequence 5, Appl
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83	95.4	202	22	US-09-856-796A-2	Sequence 2, Appl
83	95.4	214	18	US-09-448-843A-9	Sequence 9, Appl
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83	95.4	217	21	US-09-760-489-98	Sequence 98, Appl
83	95.4	217	22	US-09-853-688-2	Sequence 2, Appl
83	95.4	217	22	US-09-853-688-4	Sequence 4, Appl
83	95.4	217	23	US-09-929-918-9	Sequence 9, Appl
83	95.4	226	21	US-09-760-481-169	Sequence 169, App
83	95.4	226	21	US-09-760-483-450	Sequence 450, App
83	95.4	226	21	US-09-760-489-95	Sequence 95, Appl
83	95.4	231	21	US-09-760-481-168	Sequence 168, App
83	95.4	231	21	US-09-760-483-502	Sequence 502, App
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83	95.4	241	18	US-09-424-620B-25	Sequence 25, Appl
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80	92.0	15	19	US-09-508-054-5	Sequence 5, Appl
80	92.0	15	19	US-09-508-054-7	Sequence 7, Appl
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83	80	92.0	191	18	US-09-571-024-9	Sequence 9, Appli
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86	80	92.0	191	19	US-09-571-024-12	Sequence 12, Appl
87	80	92.0	192	14	US-09-076-675-17	Sequence 17, Appl
88	80	92.0	192	22	US-09-819-094-17	Sequence 17, Appl
89	80	92.0	199	1	PCT-US01-14827-14190	Sequence 14190, A
90	80	92.0	237	21	US-09-760-481-166	Sequence 166, App
91	80	92.0	237	21	US-09-760-483-503	Sequence 503, App
92	80	92.0	237	21	US-09-760-498-566	Sequence 566, App
93	78	89.7	191	19	US-09-571-024-13	Sequence 13, Appl
94	78	89.7	191	19	US-09-571-024-14	Sequence 14, Appl
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102	77	88.5	190	19	US-09-571-024-17	Sequence 17, Appl
103	77	88.5	190	19	US-09-571-024-18	Sequence 18, Appl
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115	74	85.1	15	19	US-09-508-054-25	Sequence 25, Appl
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117	74	85.1	15	19	US-09-508-054-30	Sequence 30, Appl
118	74	85.1	224	1	PCT-US01-27760-523	Sequence 523, App
119	74	85.1	224	1	PCT-US01-27760A-523	Sequence 523, App
120	73	83.9	15	19	US-09-508-054-6	Sequence 6, Appli
121	71	81.6	15	19	US-09-508-054-26	Sequence 26, Appl
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125	71	81.6	217	14	US-60-234-446-961	Sequence 961, App
126	71	81.6	217	14	US-09-087-678-3	Sequence 3, Appli
127	71	81.6	217	22	US-09-850-887-3	Sequence 3, Appli
128	68	78.2	15	19	US-09-508-054-14	Sequence 14, Appl
129	68	78.2	63	26	US-60-160-203-3449	Sequence 3449, Ap
130	68	78.2	63	26	US-60-163-123-1562	Sequence 1562, Ap
131	68	78.2	158	26	US-60-234-446-962	Sequence 962, App
132	68	78.2	266	1	PCT-US01-08656-7063	Sequence 7063, Ap
133	58	66.7	15	19	US-09-508-054-15	Sequence 15, Appl
134	51.5	59.2	27	19	US-09-508-054-39	Sequence 39, Appl
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137	51.5	59.2	27	19	US-09-508-054-42	Sequence 42, Appl
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146	51.5	59.2	190	3	US-07-901-704A-9	Sequence 9, Appli
147	51.5	59.2	190	5	US-08-100-625B-6	Sequence 6, Appli
148	51.5	59.2	190	7	US-08-388-267A-2	Sequence 2, Appli
149	51.5	59.2	190	7	US-08-388-267A-9	Sequence 9, Appli
150	51.5	59.2	190	12	US-08-846-913-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1  
US-09-508-054-19  
; Sequence 19, Application US/09508054  
; GENERAL INFORMATION:  
; APPLICANT: NG, FRANK MAN-WOON  
; APPLICANT: JIANG, WOEL-JIA  
; TITLE OF INVENTION: TREATMENT OF OBESITY  
; FILE REFERENCE: 017227/0156  
; CURRENT APPLICATION NUMBER: US/09/508,054  
; CURRENT FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: PCT/AU98/00724  
; PRIOR FILING DATE: 1998-09-04  
; PRIOR APPLICATION NUMBER: AU P09001  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: AU P0398  
; PRIOR FILING DATE: 1997-11-13  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 16  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-508-054-19

Query Match 100.0%; Score 87; DB 19; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.8e-07;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 YLRVQCRSVEGSCGF 16  
Db 1 YLRVQCRSVEGSCGF 16  
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RESULT 2  
US-09-448-843A-7  
; Sequence 7, Application US/09448843A  
; GENERAL INFORMATION:  
; APPLICANT: Wells, James A.  
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid  
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants  
; FILE REFERENCE: P0501P1C7US  
; CURRENT APPLICATION NUMBER: US/09/448,843A  
; CURRENT FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 09/104,036  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: US 08/903,398  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: US 08/483,039  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: US 08/190,723  
; PRIOR FILING DATE: 1994-02-02  
; PRIOR APPLICATION NUMBER: US 07/960,227  
; PRIOR FILING DATE: 1992-10-13  
; PRIOR APPLICATION NUMBER: US 07/875,204  
; PRIOR FILING DATE: 1992-04-27  
; PRIOR APPLICATION NUMBER: US 07/428,066  
; PRIOR FILING DATE: 1989-10-26  
; PRIOR APPLICATION NUMBER: US 07/264,611  
; PRIOR FILING DATE: 1988-10-28  
; NUMBER OF SEQ ID NOS: 31  
; SEQ ID NO 7  
; LENGTH: 25  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-448-843A-7

Query Match 95.4%; Score 83; DB 18; Length 25;  
Best Local Similarity 93.8%; Pred. NO. 4.2e-06;

Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
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Db 10 FLRIVQCRSVEGSCGF 25

## RESULT 3

US-09-448-843A-30  
; Sequence 30, Application US/09448843A  
; GENERAL INFORMATION:  
; APPLICANT: Wells, James A.  
; APPLICANT: Cunningham, Brian C.  
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid  
; FILE OF INVENTION: Residues in Polypeptides and Hormone Variants  
; FILE REFERENCE: P0501P1C70S  
; CURRENT APPLICATION NUMBER: US/09/448,843A  
; CURRENT FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 09/104,036  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: US 08/903,398  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: US 08/483,039  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: US 08/190,723  
; PRIOR FILING DATE: 1994-02-02  
; PRIOR APPLICATION NUMBER: US 07/960,227  
; PRIOR FILING DATE: 1992-10-13  
; PRIOR APPLICATION NUMBER: US 07/875,204  
; PRIOR FILING DATE: 1992-04-27  
; PRIOR APPLICATION NUMBER: US 07/428,066  
; PRIOR FILING DATE: 1989-10-26  
; PRIOR APPLICATION NUMBER: US 07/264,611  
; PRIOR FILING DATE: 1988-10-28  
; NUMBER OF SEQ ID NOS: 31  
; SEQ ID NO 30  
; LENGTH: 25  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-448-843A-30

Query Match 95.4%; Score 83; DB 18; Length 25;  
Best Local Similarity 93.8%; Pred. No. 4.2e-06;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
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Db 10 FLRIVQCRSVEGSCGF 25

## RESULT 4

US-09-508-054-34  
; Sequence 34, Application US/09508054  
; GENERAL INFORMATION:  
; APPLICANT: NG, FRANK MAN-WOON  
; APPLICANT: JIANG, WOEL-JIA  
; TITLE OF INVENTION: TREATMENT OF OBESITY  
; FILE REFERENCE: 017227/0156  
; CURRENT APPLICATION NUMBER: US/09/508,054  
; CURRENT FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: PCT/AU98/00724  
; PRIOR FILING DATE: 1998-09-04  
; PRIOR APPLICATION NUMBER: AU P09001  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: AU PP0398  
; PRIOR FILING DATE: 1997-11-13  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 34  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-09-508-054-34

Query Match 95.4%; Score 83; DB 19; Length 26;  
Best Local Similarity 93.8%; Pred. No. 4.3e-06;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
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Db 11 FLRIVQCRSVEGSCGF 26

## RESULT 5

US-09-508-054-35  
; Sequence 35, Application US/09508054  
; GENERAL INFORMATION:  
; APPLICANT: NG, FRANK MAN-WOON  
; APPLICANT: JIANG, WOEL-JIA  
; TITLE OF INVENTION: TREATMENT OF OBESITY  
; FILE REFERENCE: 017227/0156  
; CURRENT APPLICATION NUMBER: US/09/508,054  
; CURRENT FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: PCT/AU98/00724  
; PRIOR FILING DATE: 1998-09-04  
; PRIOR APPLICATION NUMBER: AU P09001  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: AU PP0398  
; PRIOR FILING DATE: 1997-11-13  
; NUMBER OF SEQ ID NOS: 52  
; SEQ ID NO 35  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-508-054-35

Query Match 95.4%; Score 83; DB 19; Length 26;  
Best Local Similarity 93.8%; Pred. No. 4.3e-06;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
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Db 11 FLRIVQCRSVEGSCGF 26

## RESULT 6

US-09-508-054-37  
; Sequence 37, Application US/09508054  
; GENERAL INFORMATION:  
; APPLICANT: NG, FRANK MAN-WOON  
; APPLICANT: JIANG, WOEL-JIA  
; TITLE OF INVENTION: TREATMENT OF OBESITY  
; FILE REFERENCE: 017227/0156  
; CURRENT APPLICATION NUMBER: US/09/508,054  
; CURRENT FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: PCT/AU98/00724  
; PRIOR FILING DATE: 1998-09-04  
; PRIOR APPLICATION NUMBER: AU P09001  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: AU PP0398  
; PRIOR FILING DATE: 1997-11-13  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 37  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Rhesus sp.  
US-09-508-054-37

Query Match 95.4%; Score 83; DB 19; Length 26;  
Best Local Similarity 93.8%; Pred. No. 4.3e-06;

Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 11 FLRIVQCRSVEGSCGF 26

## RESULT 7

US-60-187-385-557  
; Sequence 557, Application US/60187385  
; GENERAL INFORMATION:  
; APPLICANT: Bonazzi, Vivien  
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
; FILE REFERENCE: CL000334  
; CURRENT APPLICATION NUMBER: US/60/187,385  
; CURRENT FILING DATE: 2000-03-07  
; NUMBER OF SEQ ID NOS: 922  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 557  
; LENGTH: 39  
; TYPE: PRT  
; ORGANISM: HUMAN  
US-60-187-385-557

Query Match 95.4%; Score 83; DB 26; Length 39;  
Best Local Similarity 93.8%; Pred. No. 6.4e-06;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 24 FLRIVQCRSVEGSCGF 39

## RESULT 8

PCT-US01-00663-31419  
; Sequence 31419, Application PC/TUS0100663  
; GENERAL INFORMATION:  
; APPLICANT: Molecular Dynamics, Inc.  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: PB 0004 WO 7  
; CURRENT APPLICATION NUMBER: PCT/US01/00663  
; CURRENT FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 04 February 2000 (04.02.00)  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 26 May 2000 (26.05.00)  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 03 August 2000 (03.08.00)  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 03 October 2000 (03.10.00)  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 27 September 2000 (27.09.00)  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 21 September 2000 (21.09.00)  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 30 June 2000 (30.06.00)  
; NUMBER OF SEQ ID NOS: 38837  
; SOFTWARE: Molecular Dynamics Sequence Listing Engine  
; SEQ ID NO 31419  
; LENGTH: 65  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO J03071.1  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02

; OTHER INFORMATION: EST\_HUMAN HIT: T29469.1, EVALUE 2.00e-33  
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34  
PCT-US01-00663-31419

Query Match 95.4%; Score 83; DB 1; Length 65;  
Best Local Similarity 93.8%; Pred. No. 1.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 50 FLRIVQCRSVEGSCGF 65

## RESULT 9

US-09-864-761-38342  
; Sequence 38342, Application US/09864761  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aeomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 38342  
; LENGTH: 65  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO J03071.1  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7

; OTHER INFORMATION: EST\_HUMAN HIT: T29469.1, EVALUE 2.00e-33  
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34  
US-09-864-761-38342

Query Match 95.4%; Score 83; DB 22; Length 65;  
Best Local Similarity 93.8%; Pred. No. 1.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 50 FLRIVQCRSVEGSCGF 65

## RESULT 10

US-60-236-359-21623  
; Sequence 21623, Application US/60236359  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
; FILE REFERENCE: MDHMORF-4P  
; CURRENT APPLICATION NUMBER: US/60/236,359  
; CURRENT FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; NUMBER OF SEQ ID NOS: 21709  
; SOFTWARE: Molecular Dynamics Sequence Listing Engine  
; SEQ ID NO 21623  
; LENGTH: 65  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO J03071.1  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7  
; OTHER INFORMATION: EST\_HUMAN HIT: T29469.1, EVALUE 2.00e-33  
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34  
US-60-236-359-21623

Query Match 95.4%; Score 83; DB 26; Length 65;  
Best Local Similarity 93.8%; Pred. No. 1.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 50 FLRIVQCRSVEGSCGF 65

## RESULT 11

US-60-192-739-3898  
; Sequence 3898, Application US/60192739  
; GENERAL INFORMATION:  
; APPLICANT: Bonazzi, Vivien  
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: CL000406  
; CURRENT APPLICATION NUMBER: US/60/192,739  
; CURRENT FILING DATE: 2000-03-28  
; NUMBER OF SEQ ID NOS: 4532  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3898  
; LENGTH: 100  
; TYPE: PRT  
; ORGANISM: HUMAN  
US-60-192-739-3898

Query Match 95.4%; Score 83; DB 26; Length 100;  
Best Local Similarity 93.8%; Pred. No. 1.6e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 85 FLRIVQCRSVEGSCGF 100

## RESULT 12

US-60-194-243-2820  
; Sequence 2820, Application US/60194243  
; GENERAL INFORMATION:  
; APPLICANT: Bonazzi, Vivien  
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: CL000417  
; CURRENT APPLICATION NUMBER: US/60/194,243  
; CURRENT FILING DATE: 2000-04-03  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2820  
; LENGTH: 100  
; TYPE: PRT  
; ORGANISM: HUMAN  
US-60-194-243-2820

Query Match 95.4%; Score 83; DB 26; Length 100;  
Best Local Similarity 93.8%; Pred. No. 1.6e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 85 FLRIVQCRSVEGSCGF 100

## RESULT 13

US-60-192-739-3895  
; Sequence 3895, Application US/60192739  
; GENERAL INFORMATION:  
; APPLICANT: Bonazzi, Vivien  
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: CL000406  
; CURRENT APPLICATION NUMBER: US/60/192,739  
; CURRENT FILING DATE: 2000-03-28  
; NUMBER OF SEQ ID NOS: 4532  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3895  
; LENGTH: 115  
; TYPE: PRT  
; ORGANISM: HUMAN  
US-60-192-739-3895

Query Match 95.4%; Score 83; DB 26; Length 115;  
Best Local Similarity 93.8%; Pred. No. 1.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 100 FLRIVQCRSVEGSCGF 115

## RESULT 14

US-60-194-243-2817  
; Sequence 2817, Application US/60194243  
; GENERAL INFORMATION:  
; APPLICANT: Bonazzi, Vivien  
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,

; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
; FILE OF INVENTION: USES THEREOF  
; FILE REFERENCE: CLO00417  
; CURRENT APPLICATION NUMBER: US/60/194,243  
; CURRENT FILING DATE: 2000-04-03  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2817  
; LENGTH: 115  
; TYPE: PRT  
; ORGANISM: HUMAN  
US-60-194-243-2817

Query Match 95.4%; Score 83; DB 26; Length 115;  
Best Local Similarity 93.8%; Pred. No. 1.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 100 FLRIVQCRSVEGSCGF 115

RESULT 15  
US-08-668-469A-1  
; Sequence 1, Application US/08668469A  
; GENERAL INFORMATION:  
; APPLICANT: ASADA, Noriaki  
; APPLICANT: IKEDA, Miwa  
; APPLICANT: HONJO, Masaru  
; APPLICANT: HORIKOMI, Kazutoshi  
; APPLICANT: KAMIOKA, Takeshi  
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/668,469A  
; FILING DATE: 25-JUN-1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 163572/1995  
; FILING DATE: 29-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 316883/1995  
; FILING DATE: 05-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 029430-306  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 176 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-668-469A-1

Query Match 95.4%; Score 83; DB 10; Length 176;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 161 FLRIVQCRSVEGSCGF 176  
RESULT 16  
US-08-668-469A-2  
; Sequence 2, Application US/08668469A  
; GENERAL INFORMATION:  
; APPLICANT: ASADA, Noriaki  
; APPLICANT: IKEDA, Miwa  
; APPLICANT: HONJO, Masaru  
; APPLICANT: HORIKOMI, Kazutoshi  
; APPLICANT: KAMIOKA, Takeshi  
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/668,469A  
; FILING DATE: 25-JUN-1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 163572/1995  
; FILING DATE: 29-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 316883/1995  
; FILING DATE: 05-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 029430-306  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 176 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-668-469A-2

Query Match 95.4%; Score 83; DB 10; Length 176;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 161 FLRIVQCRSVEGSCGF 176  
RESULT 17  
US-08-990-774-1  
; Sequence 1, Application US/08990774  
; GENERAL INFORMATION:  
; APPLICANT: ASADA, Noriaki

; APPLICANT: IKEDA, Miwa  
; APPLICANT: HONJO, Masaru  
; APPLICANT: HORIKOMI, Takeshi  
; APPLICANT: KAMIOKA, Takeshi  
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/990,774  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/668,469  
; FILING DATE: 25-JUN-1996  
; APPLICATION NUMBER: JP 163572/1995  
; FILING DATE: 29-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 316883/1995  
; FILING DATE: 05-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 029430-306  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 176 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-990-774-1

Query Match 95.4%; Score 83; DB 13; Length 176;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 18  
PCT-US95-01130-2  
; Sequence 2, Application US/08990774  
; GENERAL INFORMATION:  
; APPLICANT: ASADA, Noriaki  
; APPLICANT: IKEDA, Miwa  
; APPLICANT: HONJO, Masaru  
; APPLICANT: HORIKOMI, Takeshi  
; APPLICANT: KAMIOKA, Takeshi  
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States

; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/990,774  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/668,469  
; FILING DATE: 25-JUN-1996  
; APPLICATION NUMBER: JP 163572/1995  
; FILING DATE: 29-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 316883/1995  
; FILING DATE: 05-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 029430-306  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 176 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-990-774-2

Query Match 95.4%; Score 83; DB 13; Length 176;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 19  
PCT-US95-01130-6  
; Sequence 6, Application PC/TUS9501130  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/01130  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/187,756  
; FILING DATE: 27 JAN 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FERRARO, GREGORY D.

; REGISTRATION NUMBER: 36,134  
; REFERENCE/DOCKET NUMBER: 325800-55  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-994-1700  
; TELEFAX: 201-994-1744  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 177 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
PCT-US95-01130-6

Query Match 95.4%; Score 83; DB 1; Length 177;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16

:|||||

Db 162 FLRIVQCRSVEGSCGF 177

RESULT 20  
US-08-710-324-6  
; Sequence 6, Application US/08710324  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/710,324  
; FILING DATE: 16-SEP-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/187,756  
; FILING DATE: January 27, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FERRARO, GREGORY D.  
; REGISTRATION NUMBER: 36,134  
; REFERENCE/DOCKET NUMBER: 325800-55  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-994-1700  
; TELEFAX: 201-994-1744  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 177 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
US-08-710-324-6

Query Match 95.4%; Score 83; DB 11; Length 177;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16

Db 162 FLRIVQCRSVEGSCGF 177

:|||||

RESULT 21

US-09-411-657-6  
; Sequence 6, Application US/09411657  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, et al.  
; TITLE OF INVENTION: Human Growth Factor  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Human Genome Sciences, Inc.  
; STREET: 9410 Key West Avenue  
; CITY: Rockville  
; STATE: MD  
; COUNTRY: USA  
; ZIP: 20850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/411,657  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/710,324  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brookes, A. Anders  
; REGISTRATION NUMBER: 36,373  
; REFERENCE/DOCKET NUMBER: PF104D1.SKB  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 301-309-8504  
; TELEFAX: 301-309-8439  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 177 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
US-09-411-657-6

Query Match 95.4%; Score 83; DB 18; Length 177;  
Best Local Similarity 93.8%; Pred. No. 2.9e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16

:|||||

Db 162 FLRIVQCRSVEGSCGF 177

RESULT 22

PCT-US98-14497-1  
; Sequence 1, Application PC/TUS9814497  
; GENERAL INFORMATION:  
; APPLICANT: Cox III, George N  
; APPLICANT: Bolder Biotechnology, Inc.  
; TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins  
; FILE REFERENCE: BB0011  
; CURRENT APPLICATION NUMBER: PCT/US98/14497  
; CURRENT FILING DATE: 1998-07-13  
; EARLIER APPLICATION NUMBER: 60/052,516  
; EARLIER FILING DATE: 1997-07-14  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 191  
; TYPE: PRT



; ORGANISM: Homo sapiens  
PCT-US98-14497-1

Query Match 95.4%; Score 83; DB 1; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.le-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 176 FLRIVQCRSVEGSCGF 191

## RESULT 23

US-09-448-843A-1  
; Sequence 1, Application US/09448843A  
; GENERAL INFORMATION:  
; APPLICANT: Wells, James A.  
; APPLICANT: Cunningham, Brian C.  
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid  
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants  
; FILE REFERENCE: P0501P1C7US  
; CURRENT APPLICATION NUMBER: US/09/448,843A  
; CURRENT FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 09/104,036  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: US 08/903,398  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: US 08/483,039  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: US 08/190,723  
; PRIOR FILING DATE: 1994-02-02  
; PRIOR APPLICATION NUMBER: US 07/960,227  
; PRIOR FILING DATE: 1992-10-13  
; PRIOR APPLICATION NUMBER: US 07/875,204  
; PRIOR FILING DATE: 1992-04-27  
; PRIOR APPLICATION NUMBER: US 07/428,066  
; PRIOR FILING DATE: 1989-10-26  
; PRIOR APPLICATION NUMBER: US 07/264,611  
; PRIOR FILING DATE: 1988-10-28  
; NUMBER OF SEQ ID NOS: 31  
; SEQ ID NO 1  
; LENGTH: 191  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-448-843A-1

Query Match 95.4%; Score 83; DB 18; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.le-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 176 FLRIVQCRSVEGSCGF 191

## RESULT 24

US-09-462-941-1  
; Sequence 1, Application US/09462941  
; GENERAL INFORMATION:  
; APPLICANT: Cox III, George N  
; APPLICANT: Bolder Biotechnology, Inc.  
; TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins  
; FILE REFERENCE: 4152-1-PUS  
; CURRENT APPLICATION NUMBER: US/09/462,941  
; CURRENT FILING DATE: 2000-01-14  
; PRIOR APPLICATION NUMBER: 60/052,516  
; PRIOR FILING DATE: 1997-07-14  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 191

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-462-941-1

Query Match 95.4%; Score 83; DB 18; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.le-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 176 FLRIVQCRSVEGSCGF 191

## RESULT 25

US-09-554-451-1  
; Sequence 1, Application US/09554451  
; GENERAL INFORMATION:  
; APPLICANT: Jonathan Paul MURPHY  
; APPLICANT: Anthony ATKINSON  
; TITLE OF INVENTION: Detection of Molecules in Samples  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pillsbury Winthrop, L.L.P.  
; STREET: 1100 New York Ave., N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MS Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/554,451  
; FILING DATE: 15-May-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/03449  
; FILING DATE: November 16, 1998  
; APPLICATION NUMBER: GB 9723955.2  
; FILING DATE: November 14, 1997  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 191 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-554-451-1

Query Match 95.4%; Score 83; DB 19; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.le-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
Db 176 FLRIVQCRSVEGSCGF 191

## RESULT 26

US-09-554-451-3  
; Sequence 3, Application US/09554451  
; GENERAL INFORMATION:  
; APPLICANT: Jonathan Paul MURPHY  
; APPLICANT: Anthony ATKINSON  
; TITLE OF INVENTION: Detection of Molecules in Samples  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pillsbury Winthrop, L.L.P.  
; STREET: 1100 New York Ave., N.W.

; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MS Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/554,451  
; FILING DATE: 15-May-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/03449  
; FILING DATE: November 16, 1998  
; APPLICATION NUMBER: GB 9723955.2  
; FILING DATE: November 14, 1997  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 191 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-554-451-3

Query Match 95.4%; Score 83; DB 19; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 27  
US-09-824-200-12  
; Sequence 12, Application US/09824200  
; GENERAL INFORMATION:  
; APPLICANT: RUSSELL, DOUGLAS A.  
; APPLICANT: SCHLITTLER, MICHAEL  
; TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF BIOACTIVE, AUTHENTIC  
; FILE OF INVENTION: POLYPEPTIDES FROM PLANTS  
; FILE REFERENCE: 16712.0031  
; CURRENT APPLICATION NUMBER: US/09/824,200  
; CURRENT FILING DATE: 2001-04-03  
; PRIOR APPLICATION NUMBER: 60/194,217  
; PRIOR FILING DATE: 2000-04-03  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 191  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-824-200-12

Query Match 95.4%; Score 83; DB 22; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 28  
US-60-347-448-3  
; Sequence 3, Application US/60347448  
; GENERAL INFORMATION:  
; APPLICANT: Wood, Linda

; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1  
; FILE REFERENCE: 00791.PRO1  
; CURRENT APPLICATION NUMBER: US/60/347,448  
; CURRENT FILING DATE: 2001-11-09  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 3  
; LENGTH: 191  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (13)..(13)  
; OTHER INFORMATION: Ala or Val  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (25)..(25)  
; OTHER INFORMATION: Phe, Ile, or Tyr  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (29)..(29)  
; OTHER INFORMATION: Gln or Ter  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (47)..(47)  
; OTHER INFORMATION: Asn or Thr  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (79)..(79)  
; OTHER INFORMATION: Ser or Cys  
; NAME/KEY: MISC\_FEATURE  
; LOCATION: (153)..(153)  
; OTHER INFORMATION: Asp or His  
US-60-347-448-3

Query Match 95.4%; Score 83; DB 26; Length 191;  
Best Local Similarity 93.8%; Pred. No. 3.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 29  
US-09-076-675-23  
; Sequence 23, Application US/09076675  
; GENERAL INFORMATION:  
; APPLICANT: Weiner, Richard I.  
; APPLICANT: Martial, Joseph A.  
; APPLICANT: Struman, Ingrid  
; APPLICANT: Taylor, Robert  
; APPLICANT: Bentzien, Frauke  
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their  
; FILE OF INVENTION: Therapeutic and Diagnostic Use  
; FILE REFERENCE: UCSF-018/01US  
; CURRENT APPLICATION NUMBER: US/09/076,675  
; CURRENT FILING DATE: 1998-05-12  
; EARLIER APPLICATION NUMBER: 60/046,394  
; EARLIER FILING DATE: 1997-05-12  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 23  
; LENGTH: 192  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-076-675-23

Query Match 95.4%; Score 83; DB 14; Length 192;  
Best Local Similarity 93.8%; Pred. No. 3.1e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
:|||||  
Db 177 FLRIVQCRSVEGSCGF 192

```

; Sequence 29, Application US/09819094
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 29
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-819-094-29

Query Match          95.4%; Score 83; DB 22; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 33
US-07-766-142B-4
; Sequence 4, Application US/07766142B
; GENERAL INFORMATION:
; APPLICANT: Daley, Michael J.
; APPLICANT: Buckwalter, Brian L.
; APPLICANT: Cady, Susan M.
; APPLICANT: Shieh, Hong-Ming
; APPLICANT: Bohlen, Peter
; APPLICANT: Seddon, Andrew P.
; TITLE OF INVENTION: Stabilization Of Somatotropins And Other
; FILE REFERENCE: Proteins By Modification Of Cysteine Residues
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Estelle J. Tsevdos
; STREET: 1937 West Main Street, P.O. Box 60
; CITY: Stamford
; STATE: Connecticut
; COUNTRY: U.S.A.
; ZIP: 06904-0060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,142B
; FILING DATE: 19910925
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31,145
; REFERENCE/DOCKET NUMBER: 31,278-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-321-2756
; TELEFAX: 203-321-2971
; TELEX: 203-710-474-4059
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 amino acids
;

; Sequence 29, Application US/09076675
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/01US
; CURRENT APPLICATION NUMBER: US/09/076,675
; CURRENT FILING DATE: 1998-05-12
; EARLIER APPLICATION NUMBER: 60/046,394
; EARLIER FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 29
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-076-675-29

Query Match          95.4%; Score 83; DB 14; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 31
US-09-819-094-23
; Sequence 23, Application US/09819094
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 23
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-819-094-23

Query Match          95.4%; Score 83; DB 22; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 32
US-09-819-094-29
```

;  
; TYPE: AMINO ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-07-766-142B-4

Query Match 95.4%; Score 83; DB 3; Length 194;  
Best Local Similarity 93.8%; Pred. No. 3.2e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVESGCGF 16  
Db 179 FLRIVQCRSVESGCGF 194

## RESULT 34

US-07-766-142C-4  
; Sequence 4, Application US/07766142C  
; GENERAL INFORMATION:  
; APPLICANT: Daley, Michael J.  
; APPLICANT: Buckwalter, Brian L.  
; APPLICANT: Cady, Susan M.  
; APPLICANT: Shieh, Hong-Ming  
; APPLICANT: Bohlen, Peter  
; APPLICANT: Seddon, Andrew P.  
; TITLE OF INVENTION: Stabilization Of Somatotropins And Other  
; TITLE OF INVENTION: Proteins By Modification Of Cysteine Residues  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dr. Estelle J. Tsevdos  
; STREET: 1937 West Main Street, P.O. Box 60  
; CITY: Stamford  
; STATE: Connecticut  
; COUNTRY: U.S.A.  
; ZIP: 06904-0060  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/766.142C  
; FILING DATE: 19910925  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tsevdos, Estelle J.  
; REGISTRATION NUMBER: 31,145  
; REFERENCE/DOCKET NUMBER: 31,278-01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 203-321-2756  
; TELEFAX: 203-321-2971  
; TELEX: 203-710-474-4059  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 194 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-07-766-142C-4

Query Match 95.4%; Score 83; DB 3; Length 194;  
Best Local Similarity 93.8%; Pred. No. 3.2e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVESGCGF 16  
Db 179 FLRIVQCRSVESGCGF 194

RESULT 35  
PCT-US95-01130-5  
; Sequence 5, Application PC/TUS9501130  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/01130  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/187,756  
; FILING DATE: 27 JAN 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FERRARO, GREGORY D.  
; REGISTRATION NUMBER: 36,134  
; REFERENCE/DOCKET NUMBER: 325800-55  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-994-1700  
; TELEFAX: 201-994-1744  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 198 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
PCT-US95-01130-5

Query Match 95.4%; Score 83; DB 1; Length 198;  
Best Local Similarity 93.8%; Pred. No. 3.2e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVESGCGF 16  
Db 183 FLRIVQCRSVESGCGF 198

## RESULT 36

US-08-710-324-5  
; Sequence 5, Application US/08710324  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 5.1

```
; ; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,324
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: January 27, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 198 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
; US-08-710-324-5

Query Match 95.4%; Score 83; DB 11; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

RESULT 37
US-09-411-657-5
; Sequence 5, Application US/09411657
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Growth Factor
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/710,324
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF104D1.SKB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 198 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
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```
US-09-411-657-5

Query Match 95.4%; Score 83; DB 18; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

RESULT 38
US-09-856-796A-2
; Sequence 2, Application US/09856796A
; GENERAL INFORMATION:
; APPLICANT: HIRSCH, FRANCOIS
; APPLICANT: HAEFFNER, ASTRID
; TITLE OF INVENTION: NF-KB ACTIVATION INHIBITORS, AND THEIR PHARMACEUTICAL
; FILE REFERENCE: USB98CNRN
; CURRENT APPLICATION NUMBER: US/09/856,796A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/FR99/02897
; PRIOR FILING DATE: 1999-11-24
; PRIOR APPLICATION NUMBER: FR 98/14858
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 202
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-856-796A-2

Query Match 95.4%; Score 83; DB 22; Length 202;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 187 FLRIVQCRSVEGSCGF 202

RESULT 39
US-09-448-843A-9
; Sequence 9, Application US/09448843A
; GENERAL INFORMATION:
; APPLICANT: Wells, James A.
; APPLICANT: Cunningham, Brian C.
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants
; FILE REFERENCE: P0501PIC705
; CURRENT APPLICATION NUMBER: US/09/448,843A
; CURRENT FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 09/104,036
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: US 08/903,398
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 08/483,039
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/190,723
; PRIOR FILING DATE: 1994-02-02
; PRIOR APPLICATION NUMBER: US 07/960,227
; PRIOR FILING DATE: 1992-10-13
; PRIOR APPLICATION NUMBER: US 07/875,204
; PRIOR FILING DATE: 1992-04-27
; PRIOR APPLICATION NUMBER: US 07/428,066
; PRIOR FILING DATE: 1989-10-26
; PRIOR APPLICATION NUMBER: US 07/264,611
; PRIOR FILING DATE: 1988-10-28
; NUMBER OF SEQ ID NOS: 31
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; SEQ ID NO 9  
; LENGTH: 214  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-448-843A-9

Query Match 95.4%; Score 83; DB 18; Length 214;  
Best Local Similarity 93.8%; Pred. No. 3.5e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
; :|||||  
Db 199 FLRIVQCRSVEGSCGF 214

RESULT 40  
PCT-US01-25477-9  
; Sequence 9, Application PC/TUS0125477  
; GENERAL INFORMATION:  
; APPLICANT: Phage Biotechnology Corporation  
; TITLE OF INVENTION: PHAGE-DEPENDENT SUPER PRODUCTION OF  
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES  
; FILE REFERENCE: PHAGE.006VPC  
; CURRENT APPLICATION NUMBER: PCT/US01/25477  
; PRIOR FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 09/318,288  
; PRIOR FILING DATE: 1998-05-25  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 217  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US01-25477-9

Query Match 95.4%; Score 83; DB 1; Length 217;  
Best Local Similarity 93.8%; Pred. No. 3.5e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
; :|||||  
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 41  
PCT-US01-25477A-9  
; Sequence 9, Application PC/TUS0125477A  
; GENERAL INFORMATION:  
; APPLICANT: Phage Biotechnology Corporation  
; TITLE OF INVENTION: PHAGE-DEPENDENT SUPER PRODUCTION OF  
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES  
; FILE REFERENCE: PHAGE.006VPC  
; CURRENT APPLICATION NUMBER: PCT/US01/25477A  
; CURRENT FILING DATE: 2001-08-15  
; PRIOR APPLICATION NUMBER: 09/318,288  
; PRIOR FILING DATE: 1998-05-25  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 217  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US01-25477A-9

Query Match 95.4%; Score 83; DB 1; Length 217;  
Best Local Similarity 93.8%; Pred. No. 3.5e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
; :|||||

Db 202 FLRIVQCRSVEGSCGF 217

RESULT 42  
PCT-US95-01130-4  
; Sequence 4, Application PC/TUS9501130  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: WORD PERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/01130  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/187,756  
; FILING DATE: 27 JAN 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FERRARO, GREGORY D.  
; REGISTRATION NUMBER: 36,134  
; REFERENCE/DOCKET NUMBER: 325800-55  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-994-1700  
; TELEFAX: 201-994-1744  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 217 AMINO ACIDS  
; TYPE: AMINO ACID  
; STRANDEDNESS:  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
PCT-US95-01130-4

Query Match 95.4%; Score 83; DB 1; Length 217;  
Best Local Similarity 93.8%; Pred. No. 3.5e-05;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16  
; :|||||  
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 43  
US-08-710-324-4  
; Sequence 4, Application US/08710324  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, ET AL.  
; TITLE OF INVENTION: Human Growth Hormone  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
; ADDRESSEE: CECCHI, STEWART & OLSTEIN  
; STREET: 6 BECKER FARM ROAD  
; CITY: ROSELAND  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH DISKETTE

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;
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,324
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: January 27, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
;
US-08-710-324-4

Query Match 95.4%; Score 83; DB 11; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 44
US-09-411-657-4
; Sequence 4, Application US/09411657
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Growth Factor
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/710,324
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF104D1.SKB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 AMINO ACIDS
; TYPE: AMINO ACID
```

```
;
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
;
US-09-411-657-4

Query Match 95.4%; Score 83; DB 18; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 45
US-09-571-024-1
; Sequence 1, Application US/09571024
; GENERAL INFORMATION:
; APPLICANT: FILIKOV, ANTON
; APPLICANT: DAHIYAT, BASSIL I
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE
; TITLE OF INVENTION: ACTIVITY
; FILE REFERENCE: A-67477-1/RET/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/571,024
; CURRENT FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-571-024-1

Query Match 95.4%; Score 83; DB 19; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 46
US-09-760-481-170
; Sequence 170, Application US/09760481
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT264
; CURRENT APPLICATION NUMBER: US/09/760,481
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 317
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 170
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-760-481-170

Query Match 95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217
```

```
RESULT 47
; US-09-760-483-446
; Sequence 446, Application US/09760483
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PJ214
; CURRENT APPLICATION NUMBER: US/09/760,483
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 856
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 446
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-760-483-446

Query Match          95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 48
US-09-760-489-98
; Sequence 98, Application US/09760489
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC012
; CURRENT APPLICATION NUMBER: US/09/760,489
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 98
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-760-489-98

Query Match          95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 49
US-09-853-688-2
; Sequence 2, Application US/09853688
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
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; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-853-688-2

Query Match          95.4%; Score 83; DB 22; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 50
US-09-853-688-4
; Sequence 4, Application US/09853688
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-853-688-4

Query Match          95.4%; Score 83; DB 22; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217
```

Search completed: July 10, 2002, 08:27:52  
Job time: 194 sec







Pending Nucleic Acid and/or Pending Amino Acid database searches now generate two sets of results. These databases were split into two parts to reduce the time needed to update the databases daily. The split freed up more machine time for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions, **.rnpm** and **.rnpn**

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions, **.rapm** and **.rapn**

*The Pending database search results should not be left in the case because they contain data that is confidential.*

